

# South Dakota Nutrient Research and Education Council (NREC)

## Call for preproposals

The NREC was established by the 2016 SD Legislature to oversee the use of funds accumulated by the State of South Dakota through an increase in the fertilizer inspection fee. The funds are to be used for fertilizer- nutrient- and water quality-related research and education purposes.

The funding cycle for projects will begin on January 1 of each year. Proposals should be prepared on an annual basis (12 month), which would mean an end date of December 31. Multi-year proposals are permitted, but will be reviewed and approved on an annual basis.

Note, research must be done in South Dakota. Researchers are encouraged to collaborate with South Dakota researchers.

## The NREC hereby requests:

- Researchers to submit 2 page preproposals no later than August 15, 2018
- NREC will select projects for full proposals by September 17, 2018
- Full proposals will be due no later than October 15, 2018
- NREC may invite researchers to give a brief proposal presentation early December 2018
- Full proposals will be selected and investigators notified by mid-December 2018.

## Topics of Interest:

Research and update NPK fertilizer recommendations in:

- no-till crop production systems for corn, soybeans and wheat
- reduced or conventional tillage crop production systems for corn, soybeans and wheat

Research the need for micronutrients and sulfur for corn, soybeans and wheat

Research the use of nitrogen stabilizers for corn and wheat in no-till and reduced tillage crop production situations

Research and update the various fertilizer application placement techniques for:

- phosphorus and compare the effectiveness of each placement on crop response for corn and wheat
- nitrogen and compare the effectiveness of each placement on crop response for corn

## Preproposal Format (2 page maximum, PDF)

**Title:** Should convey the focus of the project, and potentially the location(s).

**PI and collaborators:** Include affiliation of the PI and co-PI(s). Include email address and cell phone for the PI.

**Summary:** A brief summary indicating the justification, objectives, planned deliverables, impacts, and proposed funding. Note: please use non-technical language.

**Goal and Objectives:** List the overall project goal and specific objectives.

**Justification Statement:** Why this work is needed and the new advances and information expected to be contributed by the project. You should also describe the anticipated economic and environmental benefits of your research to producers and the public.

**Work Plan:** Summarize the methods to be applied to achieve the objectives of the proposed project. Also include a description of your plans to communicate results to stakeholders and the public.

**Timeline:** Provide a brief description of the anticipated timetable for the project.

**Project Budget:** Provide estimates for annual and total budget. Note: budget does not need to be detailed.

### **Preproposal Submission:**

For those at SDSU, submit via [InfoReady](#) after logging-in with your regular SDSU credentials. For those off campus, go to <https://sdstate.infoready4.com>. Register into the site using the box on the left hand side that is designated “log in for other users.”

Under “Funding Competitions” near the bottom of the page, you will see a blue link on the left hand side with the Title “South Dakota Nutrient Research and Education Council 2019 Call for Preproposal” – click on this.

If you have not used InfoReady already:

You must log in, click on your name (in red - in the upper right hand side) & set up your User Profile.

Those who are invited to submit a full proposal will receive submission details at that time.

**Questions/comments** should be addressed to the [South Dakota Agricultural Experiment Station at South Dakota State University](#) Phone: 605-688-4149.